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PTO/SB/01 (10-00)

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☒ Declaration
Submitted
With Initial
Filing

OR

☒ Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number 17682A-006810

First Named Inventor Michael W. Reed et al.

COMPLETE IF KNOWN

Application Number 09/876,830

Filing Date June 6, 2001

Group Art Unit 1656

Examiner Name Unassigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

FLUORESCENT QUENCHING DETECTION REAGENTS AND METHODS

the specification of which (Title of the Invention)

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 06/06/01 as United States Application Number or PCT International

Application Number 09/876,830 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
09/457,616	12/8/99	

[Page 1 of 4]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to:		<input checked="" type="checkbox"/> Customer Number or Bar Code Label	20350	OR	<input type="checkbox"/> Correspondence address below
Name	William B. Kezer				
Address					
Address					
City			State	ZIP	
Country	Telephone		Fax		
	925-472-5015		925-472-8895		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SOLE OR FIRST INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name		Michael W.	Family Name or Surname		Reed
Inventor's Signature				Date	
				8/8/01	
Residence: City	State	Country	Citizenship		
Seattle	WA	USA	USA		
Mailing Address 3575 NE 180th Street					
Mailing Address					
City	State	ZIP	Country		
Seattle	WA	98155	USA		
NAME OF SECOND INVENTOR:			<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name		Eugeny Alexander	Family Name or Surname		Lukhtanov
Inventor's Signature			Date		
			8-8-01		
Residence: City	State	Country	Citizenship		
Bothell	W	USA	RUSSIA		
Mailing Address 817 205th Street SE					
Mailing Address					
City	State	ZIP	Country		
Bothell	WA	98012	RUSSIA		
<input checked="" type="checkbox"/> Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.					

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DECLARATION**ADDITIONAL INVENTOR(S)
Supplemental Sheet**

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Alexander A.		Gall	
Inventor's Signature <i>Alexander Gall</i>		Date <i>8/16/01</i>	
Residence: City	Bothell	State	WA
		Country	USA
Citizenship RUSSIA			
Mailing Address 19701 10th Drive SE			
Mailing Address			
City	Bothell	State	WA
		ZIP	98102
		Country	RUSSIA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Robert O.		Dempcy	
Inventor's Signature <i>Robert O. Dempcy</i>		Date <i>8/8/01</i>	
Residence: City	Kirkland	State	WA
		Country	USA
Citizenship USA			
Mailing Address 11421 NE 115th Court			
Mailing Address			
City	Kirkland	State	WA
		ZIP	98033
		Country	USA

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DECLARATION**ADDITIONAL INVENTOR(S)
Supplemental Sheet**

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Nicolaas M. J.		Vermeulen	
Inventor's Signature <i>N. M. J. Vermeulen</i>		Date <i>8-8-01</i>	
Residence: City	Woodinville	State	WA
		Country	USA
Mailing Address		19334 196th Avenue, NE	
Mailing Address			
City	Woodinville	State	WA
		ZIP	98072
		Country	USA

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PTO/SB/81 (10-00)

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/876,830
Filing Date	06/06/01
First Named Inventor	Michael W. Reed et al.
Group Art Unit	1656
Examiner Name	Unassigned
Attorney Docket Number	17682A-006810

I hereby appoint:

☒ Practitioners at Customer Number

20350

Place Customer
Number Bar Code
Label here

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

☐ Firm or
Individual Name

Address

Address

City

State

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Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Bert W. Hogue	Vice President and C.F.O.
Signature		
Date	8/20/01	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 1 form is submitted.

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Michael W. Reed et al.Application No./Patent No.: 09/876,830Filed/Issue Date: June 6, 2001Entitled: FLUORESCENT QUENCHING DETECTION REAGENTS AND METHODSEPOCH BIOSCIENCES, INC.a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

8/20/01
Date

Bert W. Hogue
Signature

Bert W. Hogue

Typed or printed name

Vice President & C.F.O.

Title

COPY

Attorney Docket No.: 17682A-006810US

Client Reference No.: 151

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Michael W. Reed, of 3575 NE 180th Street, Seattle, WA 98155; Eugeny A. Lukhtanov, of 817 205th Street SE, Bothell, WA 98012; Alexander A. Gall, of 1971 10th Drive SE, Bothell, WA 98012; Robert O. Dempcy, of 11421 NE 115th Court, Kirkland, WA 98033; and Nicolaas M.J. Vermeulen, of 19334 196th Avenue, NE, Woodinville, WA 98072, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: Fluorescent Quenching Detection Reagents and Methods

Date(s) of execution of Declaration: 08/08/01, 08/08/01, 08/16/01, 08/08/01 and
08/08/01

Filing Date: June 6, 2001

Application No.: 09/876,830

WHEREAS, Epoch Biosciences, Inc., a corporation of the state of Delaware, located at 21720 - 23rd Dr., SE, #150, Bothell, WA, 98021, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.


Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

— Not for Recordation —

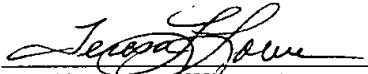
IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 8/8/01



Michael W. Reed

SIGNATURE WITNESSED BY:

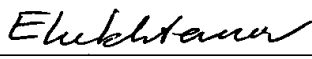
(1) Date: 8/8/01


Signature of Witness 1

(2) Date: 8/8/01



Signature of Witness 2

Dated: 8-8-01



Eugeny A. Lukhtanov

SIGNATURE WITNESSED BY:

(1) Date: 8/8/01


Signature of Witness 1

(2) Date: 8/8/01


Signature of Witness 2

Dated: 8/16/01

Alexander Gall
Alexander A. Gall

SIGNATURE WITNESSED BY:

(1) Date: 8/16/01

Teresa Spivey
Signature of Witness 1

(2) Date: 8/16/01

Kathryn Maurice
Signature of Witness 2

Dated: 8/8/01

Robert O. Dempcy
Robert O. Dempcy

SIGNATURE WITNESSED BY:

(1) Date: 8/8/01

Teresa Spivey
Signature of Witness 1

(2) Date: 8/8/01

Kathryn Maurice
Signature of Witness 2

Dated: 08/08/01

Nicolaas M.J. Vermeulen
Nicolaas M.J. Vermeulen

SIGNATURE WITNESSED BY:

(1) Date: 8/8/01

Teresa Spivey
Signature of Witness 1

(2) Date: 8/8/01

Kathryn Maurice
Signature of Witness 2